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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **White Exploration**

400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom White

23 28 41W Stanton KS

Blackstone 'E' Unit 1

Start Date: 2008.01.27 @ 21:13:02

End Date: 2008.01.28 @ 08:08:27

Job Ticket #: 29630

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

White Exploration

Blackstone 'E' Unit 1

23 28 41W Stanton KS

DST # 1

Keys KI

2008.01.27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

White Exploration

2400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom Williams

Blackstone 'E' Unit 1

23 28 41W Stanton KS

Job Ticket: 29630

DST#: 1

Test Start: 2008.01.27 @ 21:13:02

GENERAL INFORMATION:

Formation: **Keys KI**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:45:27

Time Test Ended: 08:08:27

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **5344.00 ft (KB) To 5413.00 ft (KB) (TVD)**

Total Depth: 5413.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3369.00 ft (KB)

3359.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772

Outside

Press@RunDepth: 1489.67 psig @ 5345.00 ft (KB)

Start Date: 2008.01.27

End Date: 2008.01.28

Start Time: 21:13:02

End Time: 08:08:27

Capacity: 7000.00 psig

Last Calib.: 2008.01.28

Time On Btm: 2008.01.28 @ 00:44:12

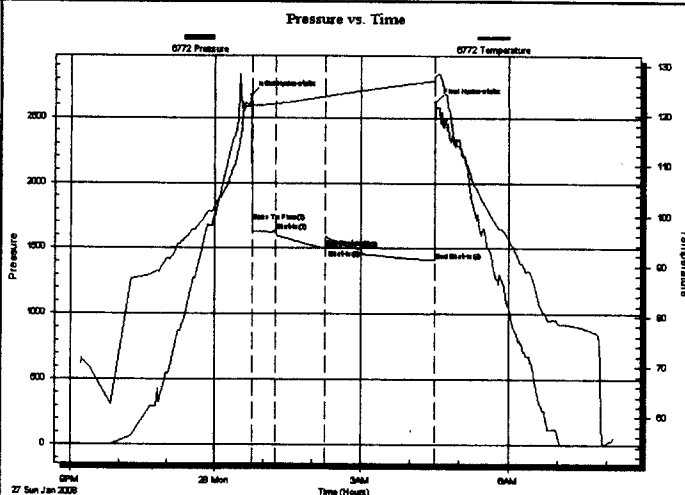
Time Off Btm: 2008.01.28 @ 04:31:11

TEST COMMENT: IF 1/4 blow died in 5 min.

IS No return

FF No blow

FS No return



PRESSURE SUMMARY

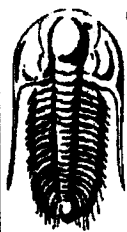
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2670.58	122.24	Initial Hydro-static
2	1701.20	122.06	Open To Flow (1)
31	1625.83	122.26	Shut-in(1)
92	1500.08	123.73	End Shut-in(1)
92	1559.94	123.77	Open To Flow (2)
137	1489.67	124.91	Shut-in(2)
227	1411.37	126.93	End Shut-in(2)
227	2619.55	127.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
739.00	100%M	5.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration

Blackstone 'E' Unit 1

2400 N Woodlawn Ste 115
Wichita KS 67220

23 28 41W Stanton KS

Job Ticket: 29630

DST#: 1

ATTN: Tom Williams

Test Start: 2008.01.27 @ 21:13:02

Tool Information

Drill Pipe:	Length: 4760.00 ft	Diameter: 3.80 inches	Volume: 66.77 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 581.00 ft	Diameter: 2.25 inches	Volume: 2.86 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 69.63 bbl		Tool Chased 10.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	5344.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.00 ft			
Tool Length:	98.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			5316.00	
Shut In Tool	5.00			5321.00	
Sampler	2.00			5323.00	
Hydraulic tool	5.00			5328.00	
Jars	5.00			5333.00	
Safety Joint	2.00			5335.00	
Packer	5.00			5340.00	29.00 Bottom Of Top Packer
Packer	4.00			5344.00	
Stubb	1.00			5345.00	
Recorder	0.00	6769	Inside	5345.00	
Recorder	0.00	6772	Outside	5345.00	
Perforations	29.00			5374.00	
Change Over Sub	1.00			5375.00	
Drill Pipe	32.00			5407.00	
Change Over Sub	1.00			5408.00	
Bullnose	5.00			5413.00	69.00 Bottom Packers & Anchor
Total Tool Length:	98.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration

Blackstone 'E' Unit 1

2400 N Woodlaw n Ste 115
Wichita KS 67220

23 28 41W Stanton KS

ATTN: Tom Williams

Job Ticket: 29630

DST#: 1

Test Start: 2008.01.27 @ 21:13:02

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
739.00	100%M	5.074

Total Length: 739.00 ft

Total Volume: 5.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Hole in the pipe.

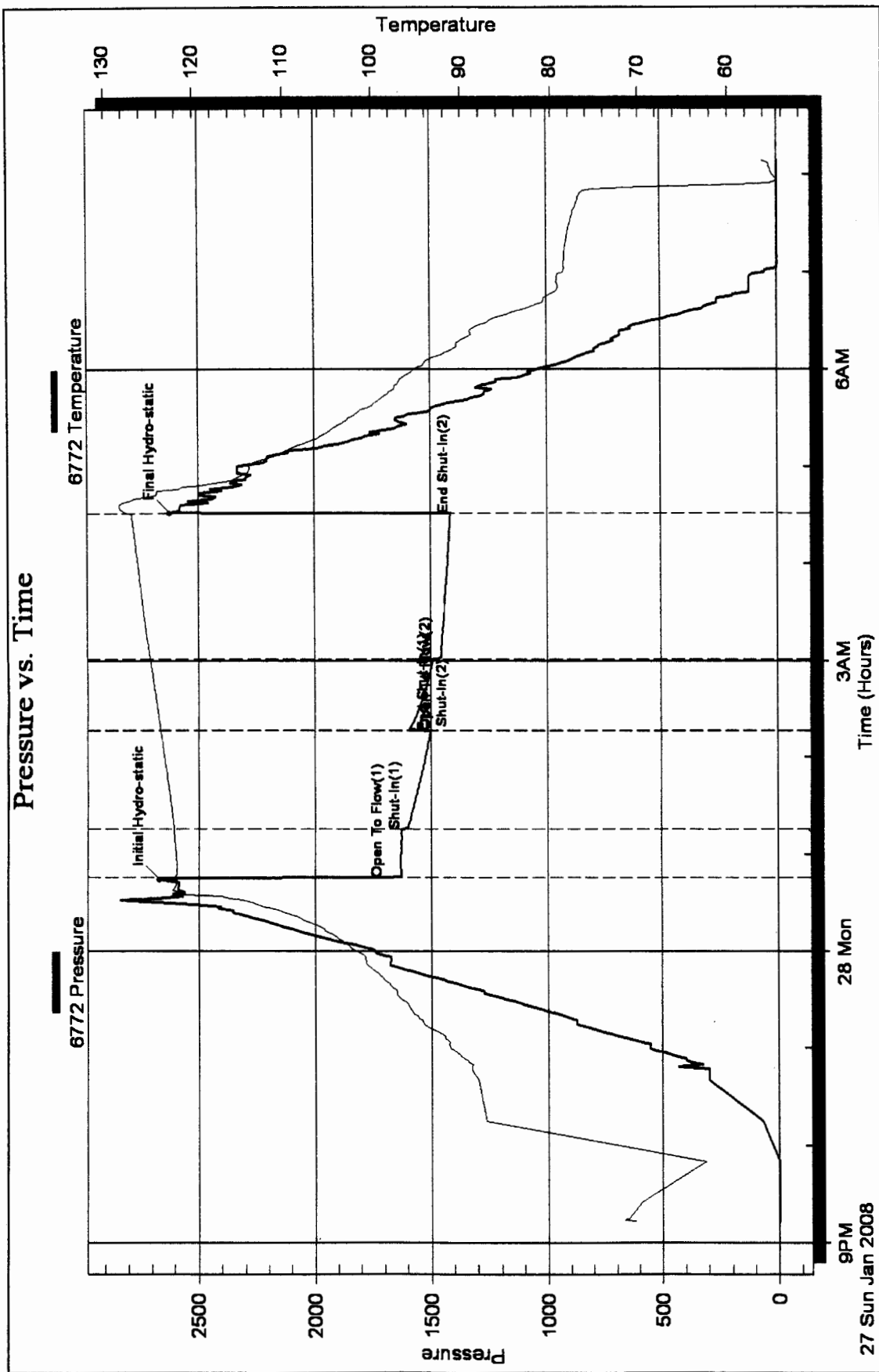
Serial #: 6772

Outside White Exploration

23 28 41W Stanton KS

DST Test Number: 1

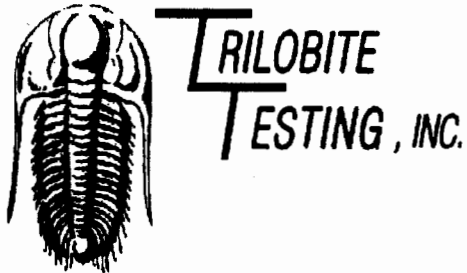
Pressure vs. Time



Ref. No: 29630

Trilobite Testing, Inc

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DRILL STEM TEST REPORT

Prepared For: **White Exploration**

2400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom Williams

23 28 41W Stanton KS

Blackstone 'E' Unit 1

Start Date: 2008.01.28 @ 15:34:46

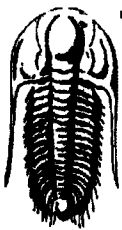
End Date: 2008.01.29 @ 02:37:46

Job Ticket #: 27221 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

White Exploration

2400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom Williams

Blackstone 'E' Unit 1

23 28 41W Stanton KS

Job Ticket: 27221

DST#: 2

Test Start: 2008.01.28 @ 15:34:46

GENERAL INFORMATION:

Formation: **Lower Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:55:01

Time Test Ended: 02:37:46

Test Type: Conventional Bottom Hole

Tester: Delton Brown

Unit No: #28

Interval: **5344.00 ft (KB) To 5413.00 ft (KB) (TVD)**

Total Depth: 5413.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3369.00 ft (KB)

3359.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8321

Inside

Press@RunDepth: 401.78 psig @ 5345.00 ft (KB)

Start Date: 2008.01.28

End Date:

2008.01.29

Start Time: 15:34:47

End Time:

02:37:46

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btrc: 2008.01.28 @ 18:53:31

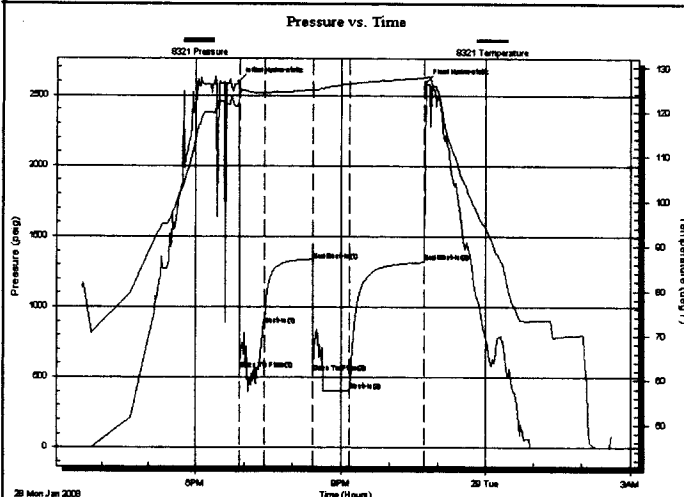
Time Off Btrc: 2008.01.28 @ 22:44:46

TEST COMMENT: IF Slid approx. 5' hit bridge Dropped approx another 20' Reset tool Med dieing blow 4" to 1" @ 30 min.

ISI No return blow

FF No blow

FSI No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2598.38	122.67	Initial Hydro-static
2	553.01	123.95	Open To Flow (1)
31	867.73	124.30	Shut-In (1)
91	1326.77	124.98	End Shut-In (1)
92	534.58	124.73	Open To Flow (2)
137	401.78	126.30	Shut-In (2)
230	1319.57	127.77	End Shut-In (2)
232	2594.04	127.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
613.00	Heavy Mud 100%M	3.31

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC.

DRILL STEM-TEST REPORT

TOOL DIAGRAM

White Exploration

Blackstone 'E' Unit 1

2400 N Woodlawn Ste 115
Wichita KS 67220

23 28 41W Stanton KS

Job Ticket: 27221

DST#: 2

ATTN: Tom Williams

Test Start: 2008.01.28 @ 15:34:46

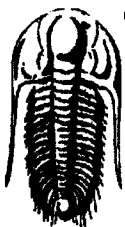
Tool Information

Drill Pipe:	Length: 4758.00 ft	Diameter: 3.80 inches	Volume: 66.74 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 581.00 ft	Diameter: 2.25 inches	Volume: 2.86 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 69.60 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5344.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5315.00	
Shut In Tool	5.00			5320.00	
Sampler	3.00			5323.00	
Hydraulic tool	5.00			5328.00	
Jars	5.00			5333.00	
Safety Joint	2.00			5335.00	
Packer	5.00		Fluid	5340.00	30.00 Bottom Of Top Packer
Packer	4.00			5344.00	
Stubb	1.00			5345.00	
Recorder	0.00	8321	Inside	5345.00	
Recorder	0.00	6752	Inside	5345.00	
Perforations	29.00			5374.00	
Change Over Sub	1.00			5375.00	
Drill Pipe	30.00			5405.00	
Change Over Sub	1.00			5406.00	
Perforations	4.00			5410.00	
Bullnose	3.00			5413.00	69.00 Bottom Packers & Anchor
Total Tool Length:	99.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration

Blackstone 'E' Unit 1

2400 N Woodlawn Ste 115
Wichita KS 67220

23 28 41W Stanton KS

Job Ticket: 27221

DST#: 2

ATTN: Tom Williams

Test Start: 2008.01.28 @ 15:34:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
613.00	Heavy Mud 100%M	3.306

Total Length: 613.00 ft

Total Volume: 3.306 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

